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(54) RESIN COMPOSITION, ITS FILM AND ITS CURED PRODUCT

(57) Abstract:

PROBLEM TO BE SOLVED: To obtain a resin composition, film and its cured product developable with water, a dilute alkaline aqueous solution or an organic solvent, giving excellent pattern accuracy, leaving little organic residue after incineration and useful e.g. as a color filter having high adhesivity.

SOLUTION: This resin composition contains (A) a resin

containing an unsaturated group and produced by reacting (a) an epoxy resin having ≥ 2 epoxy groups in one molecule with (b) a compound having one unsaturated double bond and one carboxyl group in one molecule and optionally (c) a saturated monocarboxylic acid and optionally reacting the resultant epoxy (meth)acrylate with (d) a polybasic acid anhydride, (B) a diluent, (C) a photo-polymerization initiator, (D) an inorganic pigment and (E) glass powder.

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